HAWKAR JALAL MALA AHMED

Senior Agricultural Engineer

 Sulaymaniyah, Iraq | ٠٧٧٠١٥٣٦٩٠٤ |

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PROFESSIONAL SUMMARY

A dedicated Senior Agricultural Engineer with over ٢٠ years of experience in forestry management, agricultural research, and environmental conservation. Specialized in implementing anti-desertification strategies and climate change adaptation models acquired from the Gansu Desert Control Research Institute (China). As a descendant (grandson) of the renowned Kurdish poet **Haji Baqi Bangine**, I carry a strong commitment to preserving both our cultural legacy and our natural heritage.

CORE EXPERTISE

- **Environmental & Agricultural Engineering**: Desertification control, forestry management, climate change adaptation, and sustainable agriculture.
- **Agricultural Research:** Organic farming, Biochar/Mycorrhiza applications, and crop productivity enhancement.
- **Environmental Planning:** Climate change adaptation strategies and regional strategic planning.
- **Forestry Management:** Modern seedling production and "Green Belt" implementation**.**
- **International Collaboration:** Experience working with JICA, GIZ, WFP, FAO, and CESVI.
- **Media & Strategic Communication**: Official messaging, news production, digital media strategy, and public relations.
- **Diplomatic & Executive Support**: Experience in high-level protocol, diplomatic representation, and executive advisory.

PROFESSIONAL EXPERIENCE

Media, Communications & Diplomacy

- **Media & Communications Advisor (Office of the First Lady of Iraq) Shanaz Ibrahim Ahmed**: Served for three years, leading diplomatic communications and official public representation.
- **News Editor & Translator (Kurdsat Broadcasting Channel)**: ١٦ years of extensive experience in news production, translation, and editorial processes (٢٠٠٦–٢٠٢٢).
- **PUK Political Bureau (Media Department)**: Held senior responsibilities in official messaging, news production, and digital strategy (٢٠٠٦–٢٠٢٤).

Government & Agricultural Engineering

- **Agricultural Engineer**: Ministry of Agriculture and Water Resources, Kurdistan Region of Iraq.
- **Director of Forestry and Rangeland (Sulaymaniyah)**: Led strategic conservation initiatives for two years.
- **Climate Change Policy**: Member of the drafting committee for the KRG's Regional Climate Change Adaptation Plan.

PROFESSIONAL EXPERIENCE

Senior Agricultural Engineer | Directorate of Agricultural Research, Sulaymaniyah

Oct ٢٠٢٤ – Present

- Leading research on the impact of Biochar and Mycorrhiza on Chickpea and Lettuce growth to enhance climatic resilience.
- Conducting field studies on Saffron cultivation (JICA) and organic farming resilience.

Director of Forestry and Rangeland | Sulaymaniyah Forestry Directorate

٢٠١٥_ ٢٠٢٣

- **Strategic Leadership**: Directed the "One Million Tree" national campaign and drafted the Regional Climate Change Adaptation Plan.
- **Infrastructure Innovation**: Modernized Sarchinar Tree Nursery (WFP partnership) by installing ١٢ multi-span houses and solar-powered systems to increase output.
- **Conservation**: Established new protection protocols for the **Qopy Qaradagh** area, integrating international wildlife conservation strategies.
- **Advocacy**: Served as a technical expert for major media outlets (Kurdsat News, Rudaw) on dust storm mitigation and forest fire prevention.

Agricultural Engineer / Data Specialist | Forestry Directorate (In collaboration with GIZ)

٢٠١٦_ ٢٠١٧

- Supervised forest restoration projects, including the construction of firebreaks and stone barriers.

Agricultural Engineer | General Directorate of Agriculture, Sulaymaniyah

٢٠٠٢_ ٢٠١٥

- Collaborated with the FAO on rural resource distribution and rangeland development initiatives.

EDUCATION & TRAINING

- **B.Sc. in Agricultural Engineering (Field Crops)** | University of Sulaymaniyah | ٢٠٠١

- **International Training (Gansu Desert Control Research Institute, China):**
  - Completed advanced seminars on UN Desertification Convention, Sandstorm Control, and Ecological Safety Assessment (٢٠١٩, ٢٠٢٢, ٢٠٢٤).

HONORS & ACHIEVEMENTS

- **Ministerial Appreciation**: For the "Greenery Fence" initiative and successful forest protection of Goyzha And Azmer.
- **Leadership Commendation**: For technical management of the "One Million Tree" project from the Patriotic Union of Kurdistan leader Bafl Jalal Talabani.
- **Financial Integrity Award**: For transparent management of international project funds (WFP/GIZ).

LANGUAGES

- **Kurdish**: Native | **Arabic**: Proficient | **English**: Professional Working Proficiency